U. S. Department of Agriculture
Forest Service

State & Private Forestry

FOREST PEST MANAGEMENT

Report No. 83-3-S

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AERIAL DETECTION SURVEY OF SOUTHERN PINE BEETLE ACTIVITY, TALLULAH RANGER DISTRICT CHATTAHOOCHEE NATIONAL FOREST, GEORGIA

LAND OWNERSHIP OR SURVEY AREA: Tallulah Ranger District, Chattahoochee National Forest GA.

STATE: Georgia

AREA WITHIN SURVEY BOUNDARY: 248,000 acres
DATE: December 9, 1982
PERCENT COVERAGE: 100% of host type

AIRCRAFT: Cessna 182

CREW: Robert Bassett, FPM; Jim Brown and Don Lovell, Tallulah Ranger District

REPORT PREPARED BY: Robert Bassett

SURVEY OBJECTIVES

To locate and delineate on maps current tree mortality caused by southern pine beetle activity.

SURVEY RESULTS

Southern pine beetle infestations were numerous on the Tallulah Ranger District (See Table 1). Ninety-one spots of red and fading pines were observed on the aerial survey. The size of the spots and the presence of fading pines indicate that they were killed by the southern pine beetle. The location of the infestations is shown on the attached map.

CONCLUSION

A dramatic increase in southern pine beetle activity on the District shows that a full scale outbreak has developed. The Asheville Office of FPM will conduct a biological evaluation to determine the potential for timber damage by the beetle for 1983.

For additional information contact:

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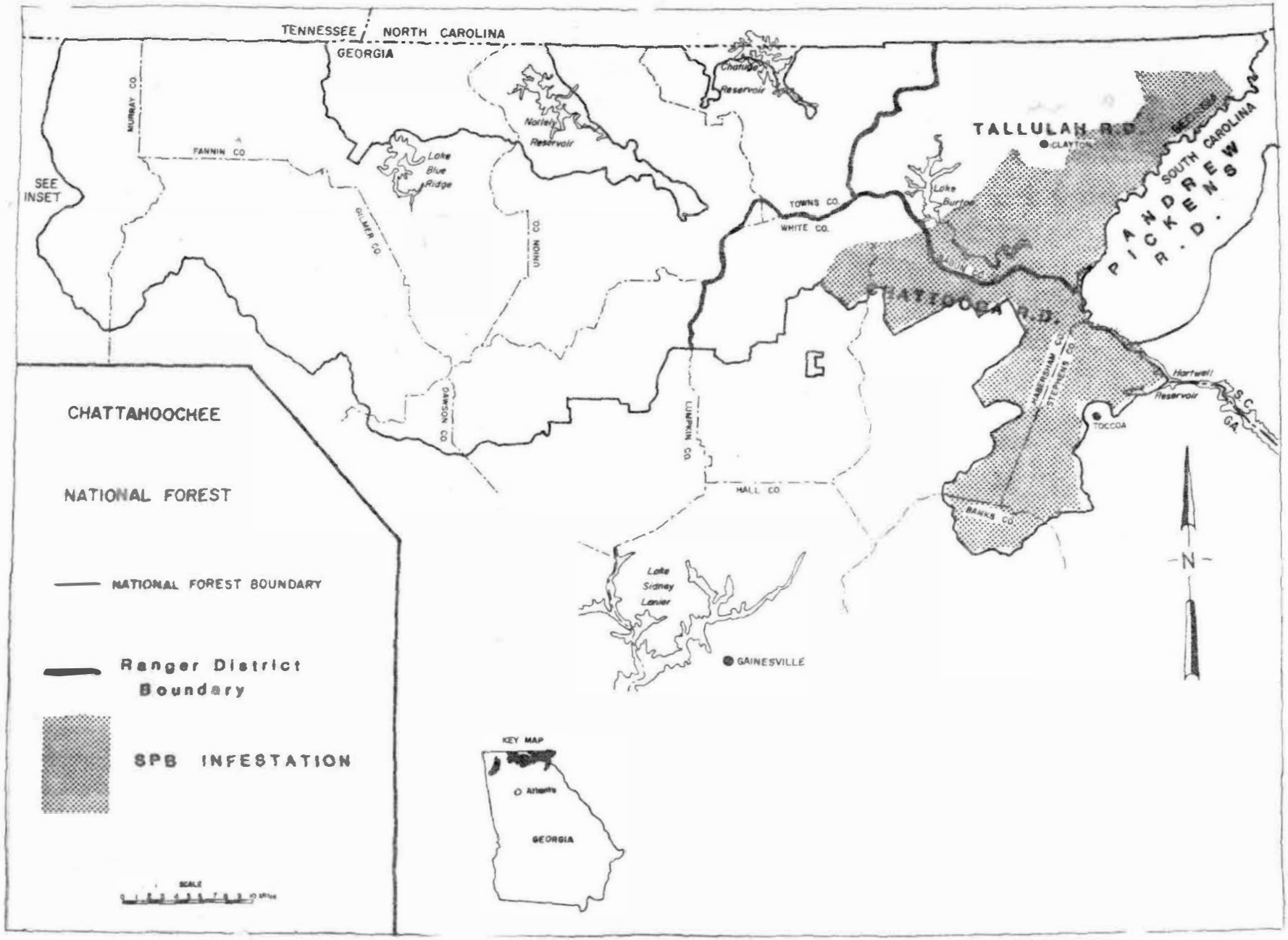
Table I; Number of Red and Fading Pine Trees and Spots Observed on the Tallulah Ranger District, Chattahoochee National Forest, Georgia, December 1982.

Infestation Size (# Trees)				
2-5 Spots:Trees	6-20 Spots:Trees	21-50 Spots:Trees	50+ Spots:Trees	Total Spots:Trees
10:40	40:870	13:640	20:2000	91:3550



Area Of Southern Pine Beetle Infestation,
Chattahoochee N.F., Ga.